

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L2 | 5 | (US-20030196181-\$ or US-20060030914-\$).did. or (US-6484300-\$ or US-6189130-\$ or US-6845497-\$).did. | US-PGPU B; USPAT | OR | OFF | 2006/06/14 15:30 |
| L3 | 3 | 2 and (copper) | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/14 15:30 |
| L4 | 743 | (73/32R).CCLS. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/14 15:46 |
| L5 | 837 | 702/108 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/14 15:47 |
| L6 | 1318 | 702/117 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/14 15:47 |
| L7 | 1654 | 702/189 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/14 15:47 |

EAST Search History

| | | | | | | |
|-----|------|----------------|--|----|-----|---------------------|
| L8 | 416 | 702/23 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/06/14 15:47 |
| L9 | 412 | 702/32 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/06/14 15:47 |
| L10 | 1419 | (716/6).CCLS. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/06/14 15:47 |
| L11 | 616 | (716/7).CCLS. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/06/14 15:48 |
| L12 | 214 | (716/15).CCLS. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/06/14 15:48 |
| L13 | 309 | (716/20).CCLS. | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/06/14 15:49 |

EAST Search History

| | | | | | | |
|-----|------|---|--|----|-----|---------------------|
| L14 | 7123 | 4 5 6 7 8 9 10 11 12 13 | US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/06/14 15:49 |
| S1 | 7 | ((("6066179") or ("6109775") or ("6189130") or ("6470482") or ("6484300") or ("6505325") or ("6513148"))).PN. | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/02/15 16:12 |
| S2 | 520 | (73/32R).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/06/14 15:46 |
| S3 | 209 | S2 and (density) | US-PGPU B; USPAT | OR | OFF | 2006/02/10 13:27 |
| S4 | 751 | 702/108 | US-PGPU B; USPAT | OR | OFF | 2006/06/14 15:47 |
| S5 | 1169 | 702/117 | US-PGPU B; USPAT | OR | OFF | 2006/06/14 15:47 |
| S6 | 1447 | 702/189 | US-PGPU B; USPAT | OR | OFF | 2006/06/14 15:47 |
| S7 | 389 | 702/23 | US-PGPU B; USPAT | OR | OFF | 2006/06/14 15:47 |
| S8 | 388 | 702/32 | US-PGPU B; USPAT | OR | OFF | 2006/06/14 15:47 |
| S9 | 67 | S4 and (density) and (PCB or board or circuit) | US-PGPU B; USPAT | OR | OFF | 2006/02/10 13:30 |
| S10 | 158 | S5 and (density) and (PCB or board or circuit) | US-PGPU B; USPAT | OR | OFF | 2006/02/10 14:15 |
| S11 | 193 | S6 and (density) and (PCB or board or circuit) | US-PGPU B; USPAT | OR | OFF | 2006/02/10 14:18 |
| S12 | 47 | S7 and (density) and (PCB or board or circuit) | US-PGPU B; USPAT | OR | OFF | 2006/02/10 14:23 |
| S13 | 40 | S8 and (density) and (PCB or board or circuit) | US-PGPU B; USPAT | OR | OFF | 2006/02/10 14:30 |
| S15 | 53 | (density near4 (variation or variations or difference or differences)) same (circuit near4 board) | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/06/08 13:31 |

EAST Search History

| | | | | | | |
|-----|------|---|--------------------------------------|----|-----|---------------------|
| S16 | 8 | ("5528508" "6002857").PN. OR ("6189130").URPN. | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/02/10 14:56 |
| S17 | 22 | (density near4 (variation or variations or difference or differences)) same (circuit near4 board) | EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/06/07 16:30 |
| S19 | 1299 | (716/6).CCLS. | US-PGPU B; USPAT | OR | OFF | 2006/06/14 15:47 |
| S20 | 558 | (716/7).CCLS. | US-PGPU B; USPAT | OR | OFF | 2006/06/14 15:47 |
| S21 | 199 | S19 and (density) | US-PGPU B; USPAT | OR | OFF | 2006/02/14 16:36 |
| S22 | 137 | S20 and (density) | US-PGPU B; USPAT | OR | OFF | 2006/02/14 16:36 |
| S23 | 199 | (716/15).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/06/14 15:48 |
| S24 | 71 | S23 and (density) | US-PGPU B; USPAT | OR | OFF | 2006/02/14 16:37 |
| S25 | 106 | ((density) near4 (variation or variations or difference or differences)) same (modeling) | US-PGPU B; USPAT | OR | OFF | 2006/06/07 16:33 |
| S27 | 21 | (density near2 (variation or variance or variations)) near2 (analysis or analyze or analyzing) | US-PGPU B; USPAT | OR | OFF | 2006/06/07 16:34 |
| S28 | 4 | (density near2 (variation or variance or variations)) near10 (PCB or "printed circuit board" or "printed circuit boards") | US-PGPU B; USPAT | OR | OFF | 2006/06/07 16:35 |
| S29 | 7 | (density near2 (variation or variance or variations)) near2 (analysis or analyze or analyzing) | EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/06/07 16:35 |
| S30 | 3 | (density near2 (variation or variance or variations)) near10 (PCB or "printed circuit board" or "printed circuit boards") | EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/06/07 16:35 |

EAST Search History

| | | | | | | |
|-----|------|--|--------------------------------------|----|-----|---------------------|
| S31 | 522 | (73/32R).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/06/07 16:15 |
| S32 | 830 | 702/108 | US-PGPU B; USPAT | OR | OFF | 2006/06/07 16:16 |
| S33 | 1309 | 702/117 | US-PGPU B; USPAT | OR | OFF | 2006/06/07 16:20 |
| S34 | 1642 | 702/189 | US-PGPU B; USPAT | OR | OFF | 2006/06/07 16:23 |
| S35 | 414 | 702/23 | US-PGPU B; USPAT | OR | OFF | 2006/06/07 16:26 |
| S36 | 412 | 702/32 | US-PGPU B; USPAT | OR | OFF | 2006/06/07 16:26 |
| S37 | 712 | (density near13 board) same (variation or variations or difference or differences) | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/06/07 16:29 |
| S38 | 57 | (density near4 (variation or variations or difference or differences)) same (circuit near4 board) | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/06/07 16:30 |
| S39 | 22 | (density near4 (variation or variations or difference or differences)) same (circuit near4 board) | EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/06/07 16:30 |
| S40 | 1405 | (716/6).CCLS. | US-PGPU B; USPAT | OR | OFF | 2006/06/07 16:31 |
| S41 | 611 | (716/7).CCLS. | US-PGPU B; USPAT | OR | OFF | 2006/06/09 13:55 |
| S42 | 212 | (716/15).CCLS. | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/06/07 16:33 |
| S43 | 114 | ((density) near4 (variation or variations or difference or differences)) same (modeling) | US-PGPU B; USPAT | OR | OFF | 2006/06/07 16:34 |
| S44 | 22 | (density near2 (variation or variance or variations)) near2 (analysis or analyze or analyzing) | US-PGPU B; USPAT | OR | OFF | 2006/06/07 16:34 |

EAST Search History

| | | | | | | |
|-----|-----|--|-----------------------------|----|-----|------------------|
| S45 | 5 | (density near2 (variation or variance or variations)) near10 (PCB or "printed circuit board" or "printed circuit boards") | US-PGPU B; USPAT | OR | OFF | 2006/06/07 16:35 |
| S46 | 7 | (density near2 (variation or variance or variations)) near2 (analysis or analyze or analyzing) | EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/06/07 16:35 |
| S47 | 3 | (density near2 (variation or variance or variations)) near10 (PCB or "printed circuit board" or "printed circuit boards") | EPO; JPO; DERWEN T; IBM_TDB | OR | OFF | 2006/06/07 16:35 |
| S48 | 35 | (density near4 (variation or variations or difference or differences)) same (circuit near4 board) and ((multi near2 layer) or (multi near2 layered) or layers) | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/06/08 13:32 |
| S50 | 326 | (density near13 board) same (variation or variations or difference or differences) and ((multi near2 layer) or (multi near2 layered) or layers) | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/06/08 13:39 |
| S51 | 311 | S50 not S48 | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/06/08 13:39 |
| S52 | 326 | (density near13 board) same (variation or variations or difference or differences) and ((multi near2 layer) or (multi near2 layered) or layers) | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/06/09 13:47 |
| S53 | 713 | (density near13 board) same (variation or variations or difference or differences) | US-PGPU B; USPAT; USOCR | OR | OFF | 2006/06/09 13:48 |
| S54 | 450 | grid same layer\$4 same density same (board or pcb or circuit) | US-PGPU B; USPAT | OR | OFF | 2006/06/09 13:51 |
| S55 | 119 | (grid with layer\$4) same density same (board or pcb or circuit) | US-PGPU B; USPAT | OR | OFF | 2006/06/09 13:50 |
| S56 | 308 | (716/20).CCLS. | US-PGPU B; USPAT | OR | OFF | 2006/06/14 15:48 |

EAST Search History

| | | | | | | |
|-----|---|---|---------------------|----|-----|---------------------|
| S57 | 5 | (US-20060030914-\$ or US-20030196181-\$).did. or (US-6484300-\$ or US-6189130-\$ or US-6845497-\$).did. | US-PGPU B; USPAT | OR | OFF | 2006/06/09 15:26 |
| S59 | 5 | S57 and (layers) | US-PGPU B; USPAT | OR | OFF | 2006/06/09 15:26 |